

Remarks

The Applicant acknowledges the Examiner's comments concerning the "submitted priority documents" and the fact that they are in Japanese with unassociated figures and assumed to be wrong. For the record, the Applicant has not yet submitted priority documents for this application. Accordingly, the Applicant respectfully submits that any priority documents of record in the application file were not submitted by the Applicant and that the priority documents in the file were likely intended for another file.

The Applicant notes that an appropriate certified copy of FR00/03322, filed March 15, 2000 will be submitted as soon as it is available.

The Applicant has submitted a new Abstract in accordance with the Examiner's helpful suggestion. The Abstract is submitted on a separate sheet for the Examiner's convenience.

The Applicant notes with appreciation the Examiner's helpful comment concerning providing a new title. The new title, as shown in the amendments above, should be "Digital Signal Processing Architecture for Connection on an Internet Network." Entry into the official file is respectfully requested.

The Applicant acknowledges the Examiner's helpful suggestions concerning the specification. The Applicant notes that the specification already on file was already revised to remove numerous grammatical and idiomatic errors prior to filing. A fresh copy of the specification is enclosed for the Examiner's convenience. Nonetheless, the Applicant has made several additional revisions to further place the specification into better form for allowance.

The Applicant acknowledges the rejection of Claims 1-14 under 35 U.S.C. §112 and notes with appreciation the Examiner's helpful specific comments concerning various locations within various of the claims that are in need of revision. For simplification purposes, the Applicant has cancelled Claims 1-14 and added new Claims 15-28. Those fresh claims address the issues raised by the Examiner and the Applicant respectfully submits that the new Claims 15-28 are in conformance with 35 U.S.C. §112.

The Applicant acknowledges the rejection of Claims 1-14 under 35 U.S.C. §102 as being anticipated by Narasimhan. That rejection is now moot in view of cancellation of those claims. Nonetheless, the Applicant respectfully submits that Narasimhan is inapplicable to new Claims 15-28 which substantially correspond in many ways to original Claims 1-14.

One area of particular interest is the claimed integrated "monolithic component." Support for that specific language may be found in the Applicant's specification in paragraphs [0007] and [0014]. In any event, by referring to Fig. 1 of Narasimhan, it can be seen that the DSP, which is mentioned in column 6 at line 21 of Narasimhan, is an example of the specified device control circuitry 38 that can be connected to the network interface chip 36. As a consequence, the Applicant respectfully submits that the DSP according to Narasimhan does not comprise a signal processing program for exchanging data on a network. New independent Claim 15 clarifies this difference. As a consequence, it can be seen in Narasimhan that there are two different processing units, namely chip 36 and an implicitly described external modem between chip 36 and network 32. New Claim 15 is sharply different from that configuration because only one monolithic component

comprises the means for exchanging data on a network in the form of a signal processing program and internet protocols.

The Applicant therefore respectfully submits that it would be incorrect to interpret the DSP architecture of Narasimhan to extend from device 38 to network interface chip 36 and also, positively, to network 32. This is because the Applicant now specifically refers to a “monolithic component,” which is neither implicitly or explicitly disclosed by Narasimhan. Accordingly, the Applicant respectfully submits that Narasimhan is inapplicable to new Claims 15-28.

In light of the foregoing, the Applicant respectfully submits that the entire application is now in condition for allowance, which is respectfully requested.

Respectfully submitted,



T. Daniel Christenbury
Reg. No. 31,750

TDC:mnr
(215) 656-3381